

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142547.D
 Acq On : 23 May 2025 20:53
 Operator : RC/JU
 Sample : Q2100-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21

Quant Time: May 23 22:55:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

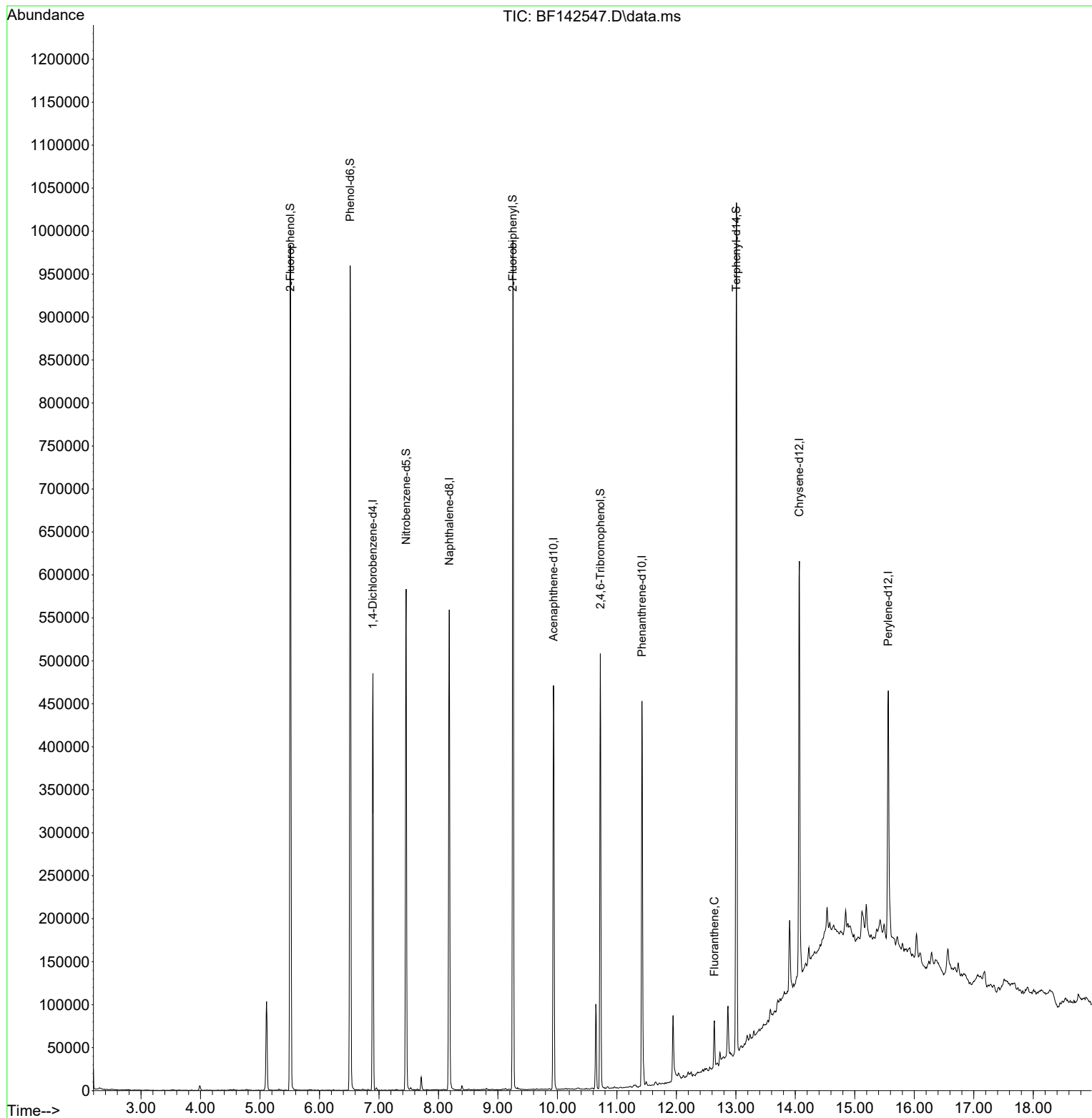
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	105842	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	353306	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	144326	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	233043	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	235632	20.000	ng	0.00
86) Perylene-d12	15.563	264	174227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	369359	58.793	ng	0.00
7) Phenol-d6	6.516	99	435356	57.568	ng	-0.02
23) Nitrobenzene-d5	7.457	82	240303	37.088	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	86203	53.815	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	447830	41.637	ng	-0.02
79) Terphenyl-d14	13.010	244	468160	27.151	ng	0.00
Target Compounds						
75) Fluoranthene	12.639	202	32750	2.814	ng	Qvalue 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142547.D
Acq On : 23 May 2025 20:53
Operator : RC/JU
Sample : Q2100-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21

Quant Time: May 23 22:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

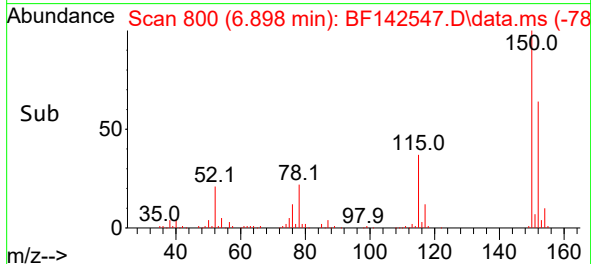
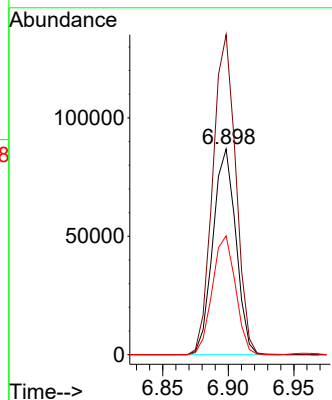
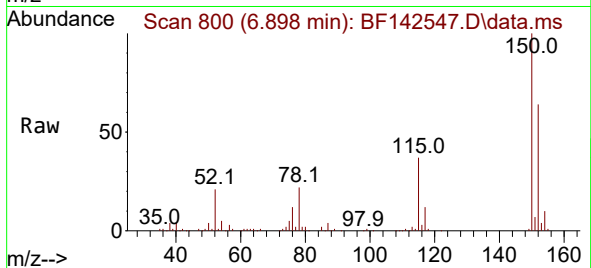




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

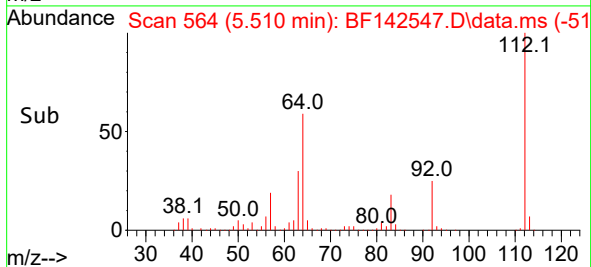
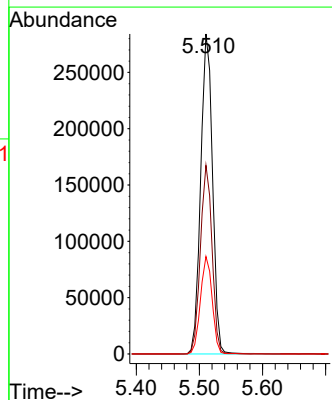
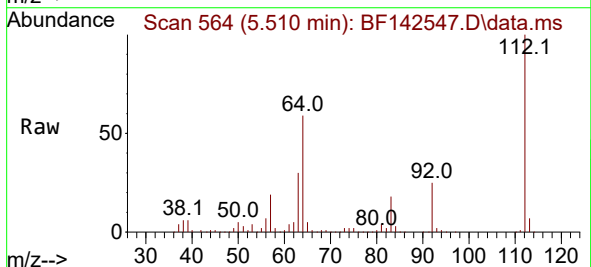
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion:152 Resp: 105842
Ion Ratio Lower Upper
152 100
150 155.7 128.2 192.4
115 57.8 48.3 72.5



#5
2-Fluorophenol
Concen: 58.793 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

Tgt Ion:112 Resp: 369359
Ion Ratio Lower Upper
112 100
64 58.9 47.5 71.3
63 30.4 24.9 37.3





#7
Phenol-d6
Concen: 57.568 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

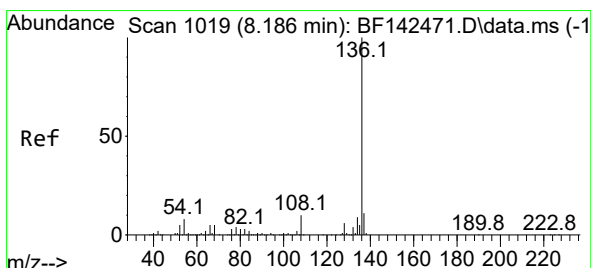
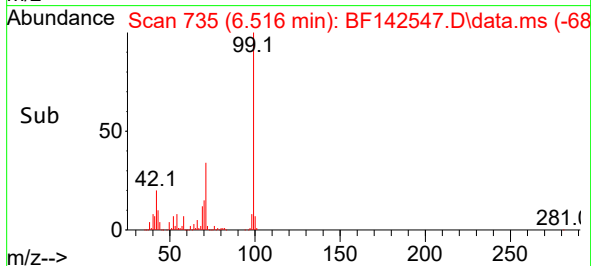
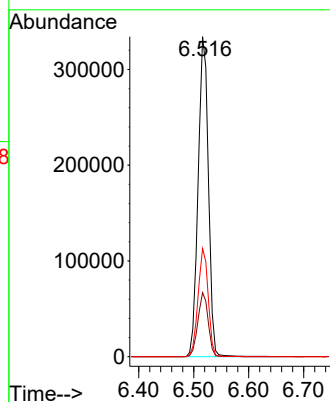
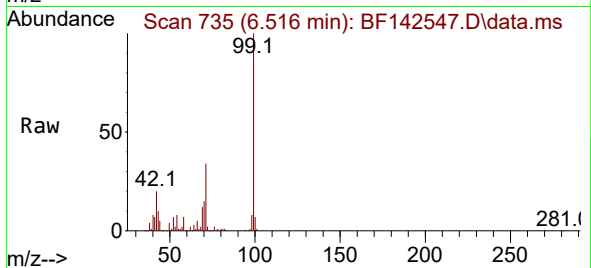
Instrument :

BNA_F

ClientSampleId :

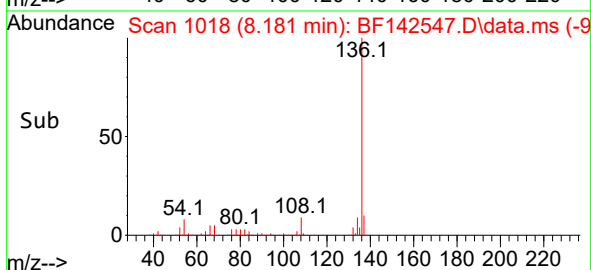
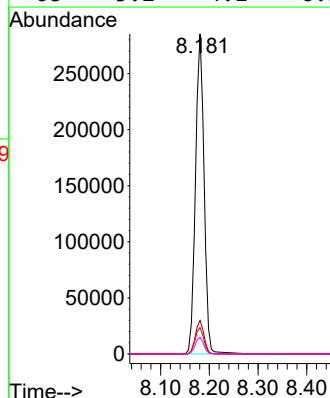
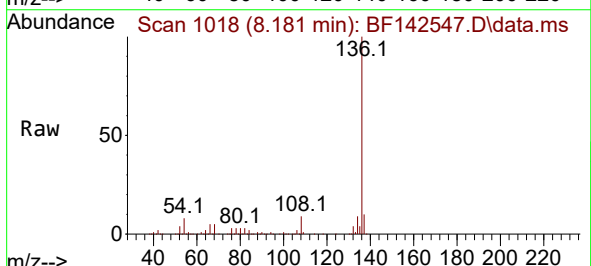
TP-21

Tgt Ion: 99 Resp: 435356
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

Tgt Ion:136 Resp: 353306
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 37.088 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142547.D

Acq: 23 May 2025 20:53

Instrument :

BNA_F

ClientSampleId :

TP-21

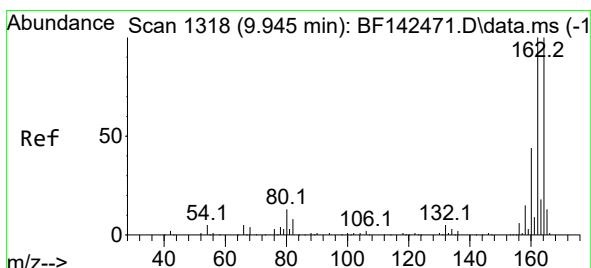
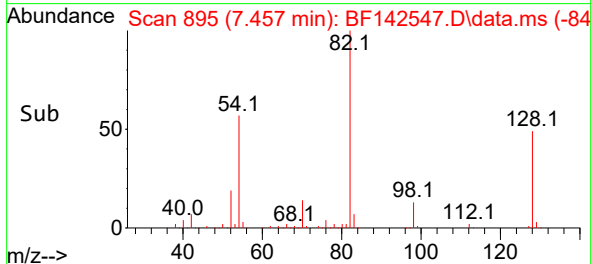
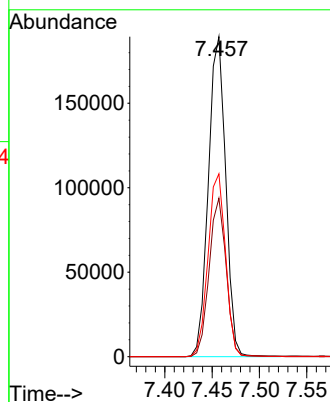
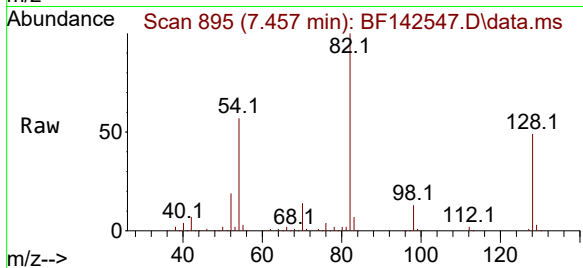
Tgt Ion: 82 Resp: 240303

Ion Ratio Lower Upper

82 100

128 49.5 37.4 56.2

54 57.2 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142547.D

Acq: 23 May 2025 20:53

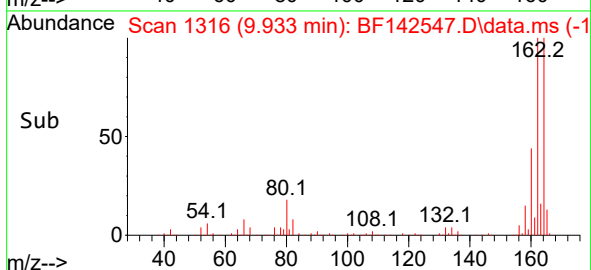
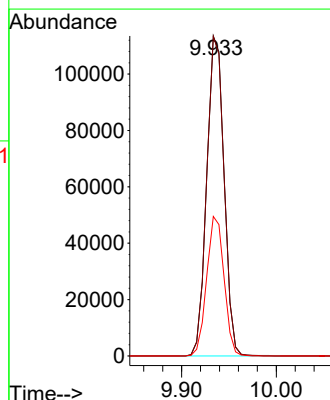
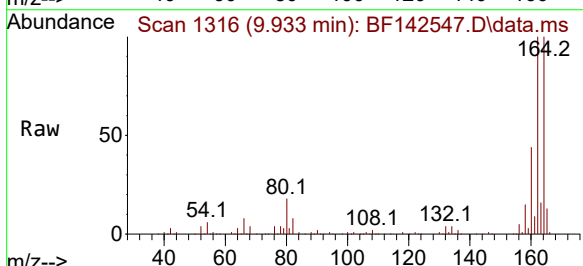
Tgt Ion:164 Resp: 144326

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.4

160 43.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 53.815 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF142547.D

Acq: 23 May 2025 20:53

Instrument :

BNA_F

ClientSampleId :

TP-21

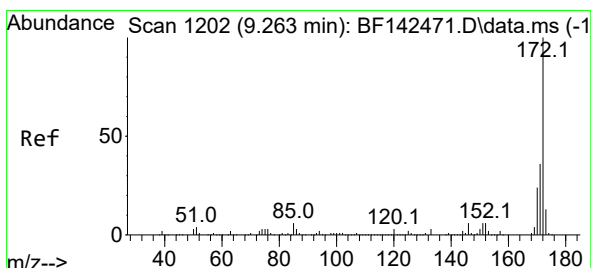
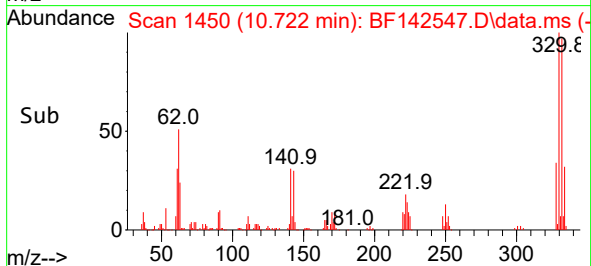
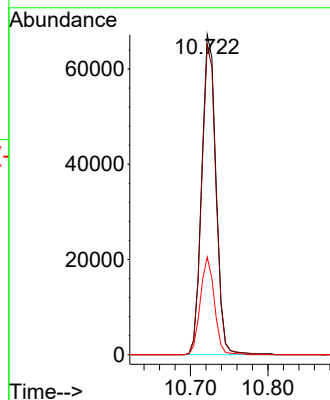
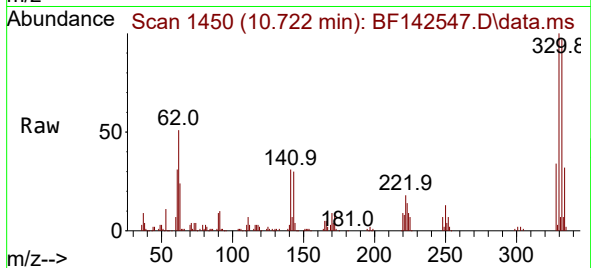
Tgt Ion:330 Resp: 86203

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 29.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 41.637 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142547.D

Acq: 23 May 2025 20:53

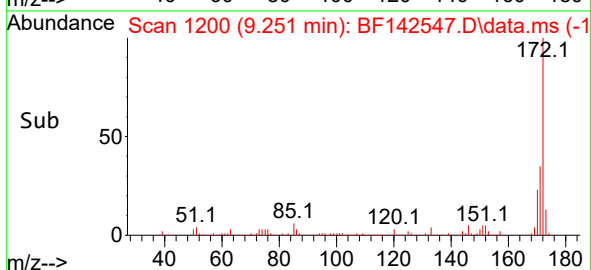
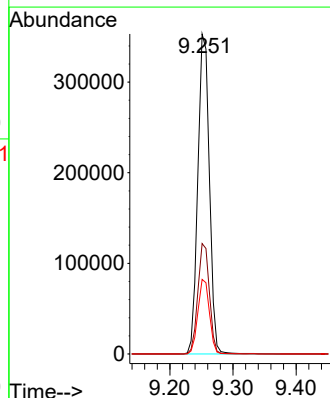
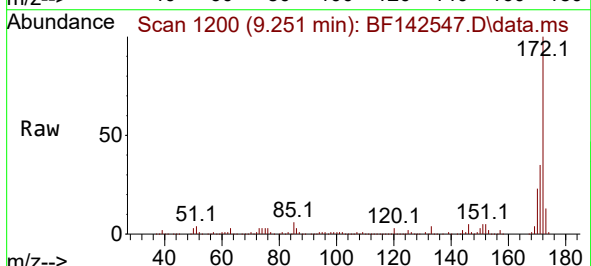
Tgt Ion:172 Resp: 447830

Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.3 18.9 28.3

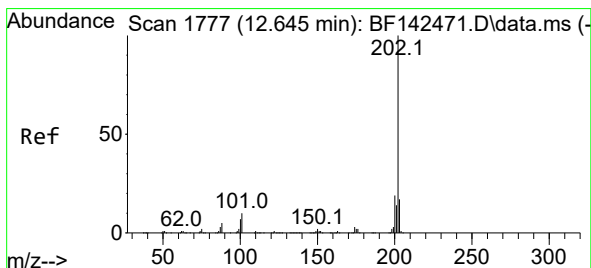
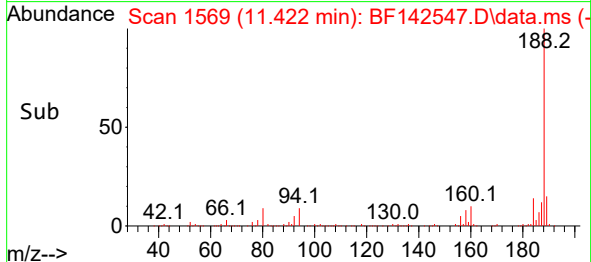
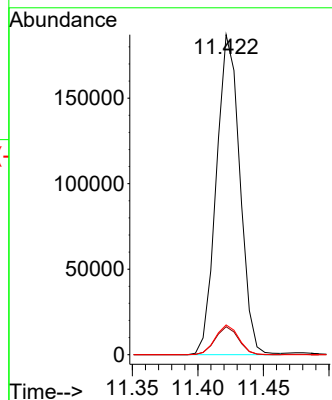
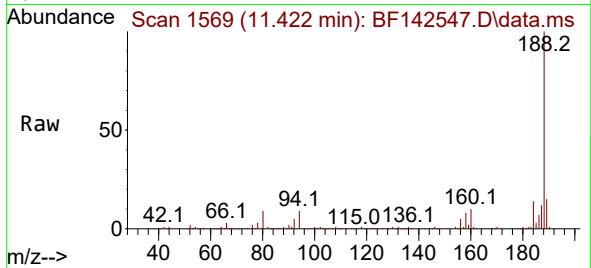




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

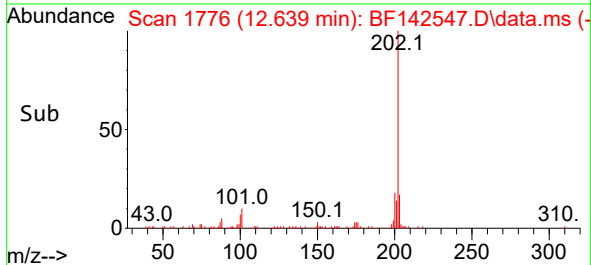
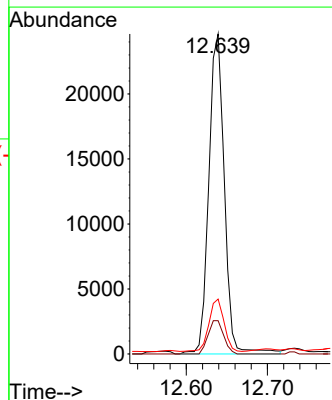
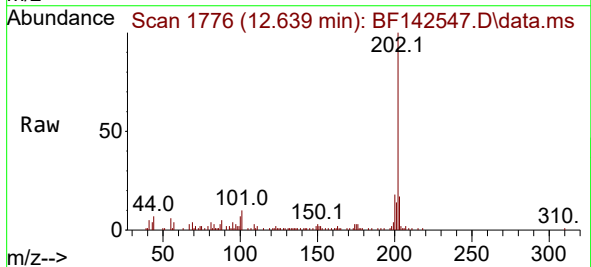
Instrument :
BNA_F
ClientSampleId :
TP-21

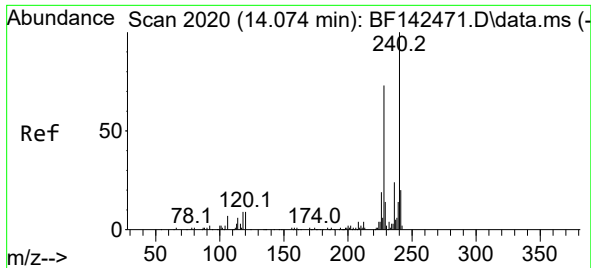
Tgt Ion:188 Resp: 233043
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.3 7.4 11.0



#75
Fluoranthene
Concen: 2.814 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

Tgt Ion:202 Resp: 32750
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.6
203 17.2 0.0 37.2

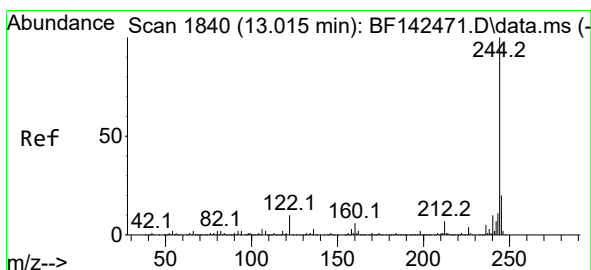
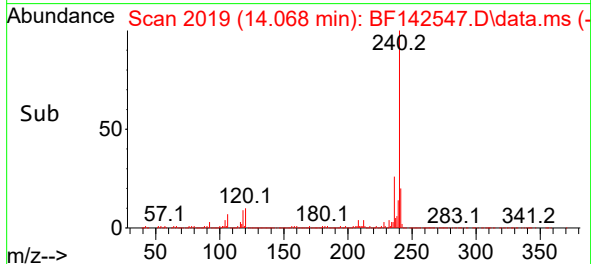
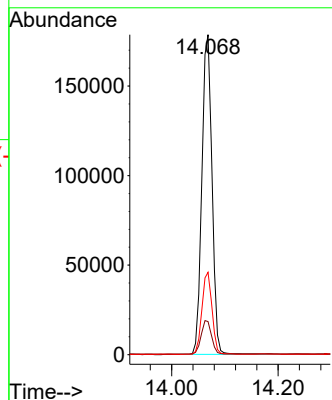
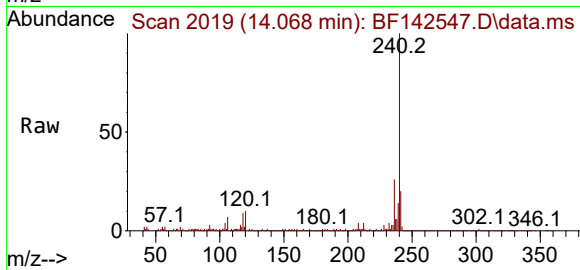




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

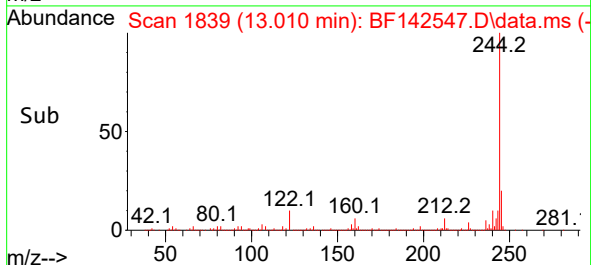
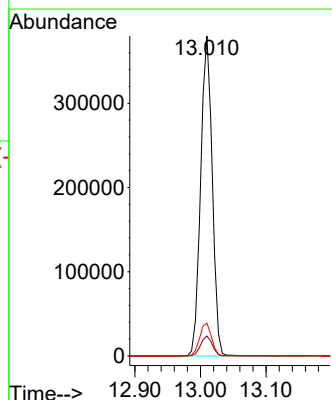
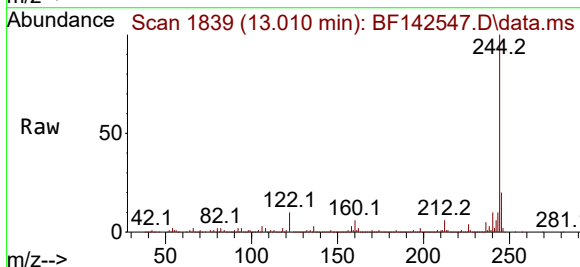
Instrument :
BNA_F
ClientSampleId :
TP-21

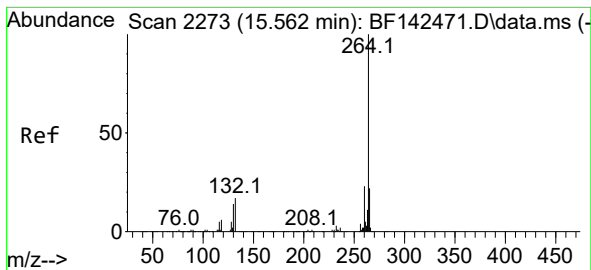
Tgt Ion:240 Resp: 235632
Ion Ratio Lower Upper
240 100
120 10.4 7.5 11.3
236 25.7 19.6 29.4



#79
Terphenyl-d14
Concen: 27.151 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142547.D
Acq: 23 May 2025 20:53

Tgt Ion:244 Resp: 468160
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 10.3 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142547.D

Acq: 23 May 2025 20:53

Instrument :

BNA_F

ClientSampleId :

TP-21

Tgt Ion:264 Resp: 174227

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 17.7 26.5

